

This description is new and I ask you to contribute to improving it. Questions or suggestions to: hanspeter-roth@t-online.de

Since the MC (measuring cassette) is new, experience is still lacking. I have 7 devices but not all of them are working satisfactorily. Before measuring, clean the heads and pressure rollers and wind the cassette back and forth.

Chrome tape has a slightly harder surface and runs differently than ferro. If you adjust the head height, the tape runs sometimes along the upper edge, sometimes along the lower edge, depending on the tape guide firmly on the head or attached separately. The wear and tear (age of the head) also plays a role.

Before adjusting the playback head, please check exactly what effect a screw has. Mark the screws so that you can find the origin again.

Over time, I'll make a list of how much difference between L + R is common. I think 6 dB is still good. From 40 measurements (10 cassettes with 4 tape decks) all were better than 7dB. If you wind the cassette back and forth once, you can measure up to 3 dB (more or less). Not all heads (made by different companies) have the same dimensions and turf widths.

The official width between A + B is 0.8 mm and between the tracks 0.3 mm. My recording head is made by Saki (track width 0.6 mm) and I trust this company regarding its high quality products. I only use one track and it is exactly adjusted between tracks 1 and 2. If you subtract the turf of 0.3 mm from the 0.6 mm head track width and divide the remainder by 2, for each track 0.15 mm remain.

In other words, if the head is too high or too deep by 0.15 mm, one of the traces (lanes) will no longer show anything.

So much for the understanding, and I wish you a lot of fun trying it out.

For the final inspection I use Nakamichi Deck1; Revox B710 MKII; Sony TC-K 690 and Nakamichi ZX7.

Best regards,

Hanspeter Roth

